

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/587,090  
Source: IFWP  
Date Processed by STIC: 08/03/2006

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>**> , **EFS Submission User Manual - ePAVE**)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):**  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

## Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	SERIAL NUMBER: <u>10/587,090</u>
<b>ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE</b>		
1 ____ Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor <b>after</b> creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 ____ Invalid Line Length	The rules require that a line <b>not exceed</b> 72 characters in length. This includes white spaces.	
3 ____ Misaligned Amino Numbering	The numbering under each 5 <sup>th</sup> amino acid is misaligned. Do <b>not</b> use tab codes between numbers; use <b>space characters</b> , instead.	
4 ____ Non-ASCII	The submitted file was <b>not</b> saved in ASCII(DOS) text, as <b>required</b> by the Sequence Rules. Please <b>ensure your subsequent submission is saved in ASCII text</b> .	
5 ____ Variable Length	Sequence(s) ____ contain n's or Xaa's representing more than one residue. <b>Per Sequence Rules, each n or Xaa can only represent a single residue.</b> Please present the <b>maximum</b> number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 ____ PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. <b>This applies to the mandatory &lt;220&gt;-&lt;223&gt; sections for Artificial or Unknown sequences.</b>	
7 ____ Skipped Sequences (OLD RULES)	Sequence(s) ____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to <b>include</b> the skipped sequences.	
8 ____ Skipped Sequences (NEW RULES)	Sequence(s) ____ missing. If <b>intentional</b> , please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 ____ Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is <b>MANDATORY</b> if n's or Xaa's are present. In <220> to <223> section, please explain location of <b>n</b> or <b>Xaa</b> , and which residue <b>n</b> or <b>Xaa</b> represents.	
10 ____ Invalid <213> Response	Per 1.823 of Sequence Rules, the only <b>valid</b> <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is <b>required</b> when <213> response is Unknown or is Artificial Sequence. (see item 11 below)	
11 ____ Use of <220>	<u>Sequence(s) ____ missing the &lt;220&gt; "Feature" and associated numeric identifiers and responses. Use of &lt;220&gt; to &lt;223&gt; is MANDATORY if &lt;213&gt; "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in &lt;220&gt; to &lt;223&gt; section or use "chemically synthesized" as explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules</u>	
12 ____ PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 ____ Misuse of n/Xaa	<b>"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid</b>	



IFWP

## RAW SEQUENCE LISTING

DATE: 08/03/2006

PATENT APPLICATION: US/10/587,090

TIME: 09:43:34

Input Set : F:\PCT\_EP2005\_000620\_Sequence listing.txt

Output Set: N:\CRF4\08032006\J587090.raw

3 <110> APPLICANT: Sloning BioTechnology GmbH  
 5 <120> TITLE OF INVENTION: De novo enzymatic production of nucleic acid molecules  
 7 <130> FILE REFERENCE: S 10018 PCT  
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/587,090  
 C--> 9 <141> CURRENT FILING DATE: 2006-07-21  
 9 <160> NUMBER OF SEQ ID NOS: 28  
 11 <170> SOFTWARE: PatentIn version 3.1  
 13 <210> SEQ ID NO: 1  
 14 <211> LENGTH: 11  
 15 <212> TYPE: DNA  
 16 <213> ORGANISM: Artificial  
 18 <220> FEATURE:  
 19 <221> NAME/KEY: misc\_feature  
 20 <222> LOCATION: (7)..(11)  
 21 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T  
 24 <400> SEQUENCE: 1  
 W--> 25 cgtctcnnnn n  
 28 <210> SEQ ID NO: 2  
 29 <211> LENGTH: 11  
 30 <212> TYPE: DNA  
 31 <213> ORGANISM: Artificial  
 33 <220> FEATURE:  
 34 <221> NAME/KEY: misc\_feature  
 35 <222> LOCATION: (7)..(11)  
 36 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T  
 39 <400> SEQUENCE: 2  
 W--> 40 ggtctcnnnn n  
 43 <210> SEQ ID NO: 3  
 44 <211> LENGTH: 12  
 45 <212> TYPE: DNA  
 46 <213> ORGANISM: Artificial  
 48 <220> FEATURE:  
 49 <221> NAME/KEY: misc\_feature  
 50 <222> LOCATION: (7)..(12)  
 51 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T  
 54 <400> SEQUENCE: 3  
 W--> 55 gaagacnnnn nn  
 58 <210> SEQ ID NO: 4  
 59 <211> LENGTH: 14  
 60 <212> TYPE: DNA  
 61 <213> ORGANISM: Artificial  
 63 <220> FEATURE:  
 64 <221> NAME/KEY: misc\_feature

*Does Not Comply  
Corrected Diskette Needed  
Crs. 1-5 Artificial*

*of 2137 Responses are Artificial  
or Unknown. Pls Explain the Source  
of genetic Material. See Item # 11*

*on  
Error  
Summary  
Sheet.*

*Same Error*

*Same Error*

*Same Error*

## RAW SEQUENCE LISTING

DATE: 08/03/2006

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TIME: 09:43:34

Input Set : F:\PCT\_EP2005\_000620\_Sequence listing.txt

Output Set: N:\CRF4\08032006\J587090.raw

65 <222> LOCATION: (7)..(14)  
 66 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T  
 69 <400> SEQUENCE: 4  
 W--> 70 acctgcnnnn nnnn 14  
 73 <210> SEQ ID NO: 5  
 74 <211> LENGTH: 8  
 75 <212> TYPE: DNA  
 76 <213> ORGANISM: Artificial  
 78 <220> FEATURE:  
 79 <221> NAME/KEY: misc\_feature  
 80 <222> LOCATION: (7)..(8)  
 81 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T  
 84 <400> SEQUENCE: 5  
 W--> 85 gcagtgnn 8  
 88 <210> SEQ ID NO: 6  
 89 <211> LENGTH: 8  
 90 <212> TYPE: DNA  
 91 <213> ORGANISM: Artificial  
 93 <220> FEATURE:  
 94 <221> NAME/KEY: misc\_feature  
 95 <222> LOCATION: (7)..(8)  
 96 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T  
 99 <400> SEQUENCE: 6  
 W--> 100 gcaatggn 8  
 103 <210> SEQ ID NO: 7  
 104 <211> LENGTH: 12  
 105 <212> TYPE: DNA  
 106 <213> ORGANISM: Artificial  
 108 <220> FEATURE:  
 109 <221> NAME/KEY: misc\_feature  
 110 <222> LOCATION: (7)..(12)  
 111 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T  
 114 <400> SEQUENCE: 7  
 W--> 115 gtatccnnnn nn 12  
 118 <210> SEQ ID NO: 8  
 119 <211> LENGTH: 11  
 120 <212> TYPE: DNA  
 121 <213> ORGANISM: Artificial  
 123 <220> FEATURE:  
 124 <221> NAME/KEY: misc\_feature  
 125 <222> LOCATION: (7)..(11)  
 126 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T  
 129 <400> SEQUENCE: 8  
 W--> 130 actgggnnnn n 11  
 133 <210> SEQ ID NO: 9  
 134 <211> LENGTH: 17  
 135 <212> TYPE: DNA  
 136 <213> ORGANISM: Artificial  
 138 <220> FEATURE:

*Same Error*

## RAW SEQUENCE LISTING

DATE: 08/03/2006

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TIME: 09:43:34

Input Set : F:\PCT\_EP2005\_000620\_Sequence listing.txt

Output Set: N:\CRF4\08032006\J587090.raw

139 <221> NAME/KEY: misc\_feature  
 140 <222> LOCATION: (7)..(17)  
 141 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T  
 144 <400> SEQUENCE: 9

W--> 145 ggcggannnn nnnnnnn 17  
 148 <210> SEQ ID NO: 10  
 149 <211> LENGTH: 16  
 150 <212> TYPE: DNA  
 151 <213> ORGANISM: Artificial  
 153 <220> FEATURE:  
 154 <221> NAME/KEY: misc\_feature  
 155 <222> LOCATION: (7)..(16)  
 156 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T  
 159 <400> SEQUENCE: 10

W--> 160 gaggagnnnn nnnnnnn 16  
 163 <210> SEQ ID NO: 11  
 164 <211> LENGTH: 15  
 165 <212> TYPE: DNA  
 166 <213> ORGANISM: Artificial  
 168 <220> FEATURE:  
 169 <221> NAME/KEY: misc\_feature  
 170 <222> LOCATION: (8)..(15)  
 171 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T  
 174 <400> SEQUENCE: 11

W--> 175 cacctgcnnn nnnnn 15  
 178 <210> SEQ ID NO: 12  
 179 <211> LENGTH: 17  
 180 <212> TYPE: DNA  
 181 <213> ORGANISM: Artificial  
 183 <220> FEATURE:  
 184 <221> NAME/KEY: misc\_feature  
 185 <222> LOCATION: (7)..(17)  
 186 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T  
 189 <400> SEQUENCE: 12

W--> 190 cagctcnnnn nnnnnnn 17  
 193 <210> SEQ ID NO: 13  
 194 <211> LENGTH: 11  
 195 <212> TYPE: DNA  
 196 <213> ORGANISM: Artificial  
 198 <220> FEATURE:  
 199 <221> NAME/KEY: misc\_feature  
 200 <222> LOCATION: (8)..(11)  
 201 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T  
 204 <400> SEQUENCE: 13

W--> 205 gctcttcnnn n 11  
 208 <210> SEQ ID NO: 14  
 209 <211> LENGTH: 10  
 210 <212> TYPE: DNA  
 211 <213> ORGANISM: Artificial

*Same error*

## RAW SEQUENCE LISTING

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TIME: 09:43:34

Input Set : F:\PCT\_EP2005\_000620\_Sequence listing.txt

Output Set: N:\CRF4\08032006\J587090.raw

```

213 <220> FEATURE:
214 <221> NAME/KEY: misc_feature
215 <222> LOCATION: (7)..(10)
216 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T
219 <400> SEQUENCE: 14
W--> 220 ctcttcnnnn                               10
223 <210> SEQ ID NO: 15
224 <211> LENGTH: 11
225 <212> TYPE: DNA
226 <213> ORGANISM: Artificial
228 <220> FEATURE:
229 <221> NAME/KEY: misc_feature
230 <222> LOCATION: (7)..(11)
231 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T
234 <400> SEQUENCE: 15
W--> 235 ggtctcnnnn n                               11
238 <210> SEQ ID NO: 16
239 <211> LENGTH: 11
240 <212> TYPE: DNA
241 <213> ORGANISM: Artificial
243 <220> FEATURE:
244 <221> NAME/KEY: misc_feature
245 <222> LOCATION: (7)..(11)
246 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T
249 <400> SEQUENCE: 16
W--> 250 cgtctcnnnn n                               11
253 <210> SEQ ID NO: 17
254 <211> LENGTH: 14
255 <212> TYPE: DNA
256 <213> ORGANISM: Artificial
258 <220> FEATURE:
259 <221> NAME/KEY: misc_feature
260 <222> LOCATION: (7)..(14)
261 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T
264 <400> SEQUENCE: 17
W--> 265 acctgcnnnn nnnn                           14
268 <210> SEQ ID NO: 18
269 <211> LENGTH: 12
270 <212> TYPE: DNA
271 <213> ORGANISM: Artificial
273 <220> FEATURE:
274 <221> NAME/KEY: misc_feature
275 <222> LOCATION: (7)..(12)
276 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T
279 <400> SEQUENCE: 18
W--> 280 gaagacnnnn nn                               12
283 <210> SEQ ID NO: 19
284 <211> LENGTH: 8
285 <212> TYPE: DNA

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## RAW SEQUENCE LISTING

DATE: 08/03/2006

PATENT APPLICATION: US/10/587,090

TIME: 09:43:34

Input Set : F:\PCT\_EP2005\_000620\_Sequence listing.txt

Output Set: N:\CRF4\08032006\J587090.raw

286 <213> ORGANISM: Artificial *Same Error*  
 288 <220> FEATURE:  
 289 <221> NAME/KEY: misc\_feature  
 290 <222> LOCATION: (7)..(8)  
 291 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T  
 294 <400> SEQUENCE: 19

W--> 295 gcaatgnn 8  
 298 <210> SEQ ID NO: 20  
 299 <211> LENGTH: 8  
 300 <212> TYPE: DNA  
 301 <213> ORGANISM: Artificial  
 303 <220> FEATURE:  
 304 <221> NAME/KEY: misc\_feature  
 305 <222> LOCATION: (7)..(8)  
 306 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T  
 309 <400> SEQUENCE: 20

W--> 310 gcagtgnn 8  
 313 <210> SEQ ID NO: 21  
 314 <211> LENGTH: 11  
 315 <212> TYPE: DNA  
 316 <213> ORGANISM: Artificial  
 318 <220> FEATURE:  
 319 <221> NAME/KEY: misc\_feature  
 320 <222> LOCATION: (7)..(11)  
 321 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T  
 324 <400> SEQUENCE: 21

W--> 325 actgggnnnnn n 11  
 328 <210> SEQ ID NO: 22  
 329 <211> LENGTH: 12  
 330 <212> TYPE: DNA  
 331 <213> ORGANISM: Artificial  
 333 <220> FEATURE:  
 334 <221> NAME/KEY: misc\_feature  
 335 <222> LOCATION: (7)..(12)  
 336 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T  
 339 <400> SEQUENCE: 22

W--> 340 gtatccnnnnn nn 12  
 343 <210> SEQ ID NO: 23  
 344 <211> LENGTH: 16  
 345 <212> TYPE: DNA  
 346 <213> ORGANISM: Artificial  
 348 <220> FEATURE:  
 349 <221> NAME/KEY: misc\_feature  
 350 <222> LOCATION: (7)..(16)  
 351 <223> OTHER INFORMATION: n stands for any of the nucleotides A, G, C or T  
 354 <400> SEQUENCE: 23

W--> 355 gaggagnnnnn nnnnnn 16  
 358 <210> SEQ ID NO: 24  
 359 <211> LENGTH: 17

RAW SEQUENCE LISTING ERROR SUMMARY  
 PATENT APPLICATION: US/10/587,090

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Input Set : F:\PCT\_EP2005\_000620\_Sequence listing.txt  
 Output Set: N:\CRF4\08032006\J587090.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. ~~7,8,9,10,11~~  
 Seq#:2; N Pos. ~~7,8,9,10,11~~  
 Seq#:3; N Pos. ~~7,8,9,10,11,12~~  
 Seq#:4; N Pos. ~~7,8,9,10,11,12,13,14~~  
 Seq#:5; N Pos. ~~7,8~~  
 Seq#:6; N Pos. ~~7,8~~  
 Seq#:7; N Pos. ~~7,8,9,10,11,12~~  
 Seq#:8; N Pos. ~~7,8,9,10,11~~  
 Seq#:9; N Pos. ~~7,8,9,10,11,12,13,14,15,16,17~~  
 Seq#:10; N Pos. ~~7,8,9,10,11,12,13,14,15,16~~  
 Seq#:11; N Pos. ~~8,9,10,11,12,13,14,15~~  
 Seq#:12; N Pos. ~~7,8,9,10,11,12,13,14,15,16,17~~  
 Seq#:13; N Pos. ~~8,9,10,11~~  
 Seq#:14; N Pos. ~~7,8,9,10~~  
 Seq#:15; N Pos. ~~7,8,9,10,11~~  
 Seq#:16; N Pos. ~~7,8,9,10,11~~  
 Seq#:17; N Pos. ~~7,8,9,10,11,12,13,14~~  
 Seq#:18; N Pos. ~~7,8,9,10,11,12~~  
 Seq#:19; N Pos. ~~7,8~~  
 Seq#:20; N Pos. ~~7,8~~  
 Seq#:21; N Pos. ~~7,8,9,10,11~~  
 Seq#:22; N Pos. ~~7,8,9,10,11,12~~  
 Seq#:23; N Pos. ~~7,8,9,10,11,12,13,14,15,16~~  
 Seq#:24; N Pos. 7,8,9,10,11,12,13,14,15,16,17  
 Seq#:25; N Pos. 7,8,9,10,11,12,13,14,15,16,17  
 Seq#:26; N Pos. 8,9,10,11,12,13,14,15

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
 per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27  
 Seq#:28



## VERIFICATION SUMMARY

DATE: 08/03/2006

PATENT APPLICATION: US/10/587,090

TIME: 09:43:35

Input Set : F:\PCT\_EP2005\_000620\_Sequence\_listing.txt

Output Set: N:\CRF4\08032006\J587090.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No  
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:25 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:40 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:55 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:70 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:100 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:115 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
L:145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0  
L:190 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
L:205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0  
L:220 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0  
L:235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0  
L:250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0  
L:265 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0  
L:280 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0  
L:295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0  
L:310 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0  
L:325 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0  
L:340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0  
L:355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0  
L:370 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0  
L:385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0  
L:400 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0